

## OUTLINE OF CONTRACTOR LICENSE CLASSIFICATIONS

### **BC - BUILDING CONSTRUCTION**

#### **A. Residential (BC-A)**

"Residential building contractors" are those whose services are limited to construction, remodeling, repair, or improvement of one, two, three, or four family unit residences not exceeding three stories in height and accessory use structures in connection therewith.

#### **B. Commercial (BC-B)**

A commercial building contractor is authorized to bid on and contract for the construction, erection, alteration, repair or demolition of any building or structure for use and occupancy by the general public, including residential construction with more than four (4) units or greater than three (3) stories in height.

##### **b. Small Commercial (BC-b)**

A small commercial building contractor is authorized to bid on and contract for the construction, erection, alteration, repair or demolition of any building or structure for use and occupancy by the general public the total cost of which does not exceed seven hundred fifty thousand dollars (\$750,000.00).

#### **C. Industrial (BC-C)**

A contractor under this classification is authorized to bid on and contract for the erection, alteration, repair and demolition of buildings or structures used for industrial production and service, such as manufacturing plants.

### **BC BUILDING SUBCATEGORIES**

1. Acoustical Treatments
2. Carpentry, Framing and Millwork, etc.
3. Drywall
4. Floor Covering
5. Foundations
6. Glass, Window and Door Construction
7. Institutional and Recreational Equipment
8. Lathe, Plaster and Stucco
9. Masonry
10. Ornamental and Miscellaneous Metal
11. Painting, Interior Decorating
12. Roof Decks
13. Site and Subdivision Development
14. Special Coatings and Waterproofing
15. Tile, Terrazzo and Marble
16. Insulation
17. Elevators, Escalators, and Dumbwaiters
18. Erection and Fabrication of Structural Steel
19. Concrete
20. Sheet Metal
21. Roofing
22. Conveyors
23. Sandblasting
24. Golf Courses
25. Tennis Courts
26. Swimming Pools
27. Outdoor Advertising
28. Excavation
29. Landscaping
30. Fencing
31. Demolition
32. Millwright
33. Irrigation

*Example: A contractor with a full **BC** classification is considered licensed to perform "residential, commercial and industrial" building; a contractor with a **BC-A** would be licensed for "residential"; a contractor with a **BC-31** would be licensed for "demolition"; etc.*

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## **HC - HEAVY CONSTRUCTION**

### **A. Marine (HC-A)**

(Wharves, Docks, Harbor Improvements and Terminals)

### **B. Tunnel and Shaft (HC-B)**

### **C. Energy and Power Plants (HC-C)**

### **D. Dams, Dikes, Levees and Canals (HC-D)**

### **E. Mining Surface and Underground (HC-E)**

### **F. Oil Field Construction (HC-F)**

### **G. Oil Refineries (HC-G)**

#### **Heavy Construction Categories (Apply to All Areas)**

1. Structural Steel Erection
2. Tower and Stack Construction
3. Foundation Construction, Pile Driving, Foundation Drilling, and Stabilization
4. Demolition and Movement of Structures
5. Clearing, Grubbing, Snagging and Rip Rap
6. Slipform Concrete Structures
7. Rigging and Crane Rigging
8. Welding

*Example: A contractor with a full **HC** classification may perform all heavy construction; a contractor with a **HC-A** may perform "marine" work; **HC-A-1**, may perform "marine" and "structural steel erection".*

## **HRA - HIGHWAY, RAILROAD AND AIRPORT CONSTRUCTION**

### **A. Grading and Drainage (HRA-A)**

Includes grading, drainage pipe and structures, clearing and grubbing.

### **B. Base and Paving (HRA-B)**

1. Base Construction
2. Hot and Cold Mix Asphalt
3. Surface Treatment Asphalt
4. Concrete Paving

### **C. Bridges and Culverts (HRA-C)**

1. Painting
2. Repair
3. Demolition
4. Bridge Deck Overlay (Sealant)
5. Gunite
6. Cofferdam
7. Steel Erection

### **D. Railroad Construction and Related Items (HRA-D)**

### **E. Miscellaneous and Specialty Items (HRA-E)**

1. Traffic Safety
  - (a) Pavement Markers
  - (b) Signing
  - (c) Guardrail and Fencing
  - (d) Attenuators, signalization and roadway lighting
2. Landscaping

Includes seeding, sodding, planting, and chemical weed and brush control.
3. Pavement Rehabilitation

Includes pressure grouting, grinding and grooving, concrete joints, and underdrains.
4. Well Drilling
5. Miscellaneous Concrete

Includes sidewalks, driveways, curb and gutter, and box culverts.

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## **MU - MUNICIPAL AND UTILITY CONSTRUCTION**

Municipal and Utility Construction includes all supervision, labor, material and equipment to complete underground piping, water and sewer plants and sewer disposal, grading and drainage, and paving (unless restricted to specific areas named).

### **A. Underground Piping (MU-A)**

Furnish supervision, labor, material and equipment to complete all underground piping for municipal and utility construction (unless restricted to specific areas names).

1. Gas Distribution and Transmission Lines
2. Sewer Lines, Storm Drains, Rehabilitation and Structures
3. Waterlines
4. Underground Conduit

### **B. Water and Sewer Systems\* (MU-B)**

\* requires a BC-B or commercial or industrial trade exam to construct water and sewer plants.

### **C. Grading and Drainage (MU-C)**

Includes grading, drainage pipe and structures, clearing and grubbing.

### **D. Base and Paving (MU-D)**

1. Base Construction
2. Hot and Cold Mix Asphalt
3. Surface Treatment Asphalt
4. Concrete Pavement
5. Miscellaneous Concrete (includes sidewalks, driveways, curb and gutter, and box culverts)

*Example: A contractor with a full **MU** classification may perform all the above under municipal utility construction; a contractor with a **MU-A, 3** is licensed to perform underground piping for "waterlines".*

## **CMC or MC - MECHANICAL CONTRACTING** ("C" in front of "M" means tested prior to 1992)

### **A. Plumbing and Gas Piping (CMC-A or MC-A)**

### **B. Process Piping (MC-B)**

### **C. HVAC, Refrigeration and Gas Piping (CMC-C)**

#### **1. Solar HVAC (geothermal)**

### **D. Sprinklers & Fire Protection (must register with Fire Prevention, too) (CMC-D or MC-D)**

### **E. Insulation of Mechanical Work (MC-E)**

### **F. Pollution Control (MC-F)**

### **G. Pneumatic Tube Systems (MC-G)**

### **H. Temperature Controls (Pneumatic) (MC-H)**

### **I. Boiler Construction & Repairs (MC-I)**

### **J. Fuel Gas Piping and Systems (MC-J)**

*Example: A contractor with a full mechanical, **CMC** or **MC** classification is licensed to perform "all mechanical"; a contractor with a **CMC-A** may perform "plumbing" (the "C" in front of "M" means they tested after May, 1992 and considered statewide certified (do not have to re-test with each county); a contractor with a **MC-A** may perform "plumbing", but tested prior to May, 1992); a contractor with **MC-E** may perform "insulation" of mechanical work (no "C" in front means no test required); a contractor with **CMC-C** or **MC-C** may perform "HVAC", etc.*

## **CE or E - Electrical Contracting** (the "C" in front of "E" means they tested after May, 1992)

### **A. Electrical Transmission Lines (CE-A or E-A)**

### **B. Electrical Work for Buildings and Structures (CE or E or CE-B or E-B)**

### **C. Underground Electrical Conduit Installation (E-C)**

### **D. Sound and Intercom Systems, Fire Detection Systems, Signal and Burglar Alarm Systems and Security**

Systems up to seventy (70) volts do not require examination. **(E-D)**

### **E. Electrical Signs (E-E)**

### **F. Telephone Lines and Ducts (E-F)**

### **G. Cable T.V. (E-G)**

### **H. Substations (CE-H)**

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I. Electrical Temperature Controls **(E-I)**

J. Fire Detection Systems, Signal and Burglar Alarm Systems and Security Systems with conduit and wiring above (70) volts require an electrical exam. **(CE-J or E-J)**

K. Roadway Lighting, Attenuators and Signalization - requires electrical examination. **(CE-K)**

*Example: A contractor with a **CE, E, CE-B or E-B** is considered licensed as a full electrical contractor; a contractor with a **E-D** means the contractor may perform low voltage wiring, only and no test required.*

**S- Specialty/Environmental** work falling within the definition of contracting.

A. Asbestos Material Handling/Removing **(S-A or S-Asbestos)**

B. Underground Storage Tank **(S-B or S-UST)**

C. Lead-Based Paint Abatement **(S-C or S- Lead)**

D. Hazardous Waste Removal **(S-D or S-Hazardous)**

E. Air, Water or Soil Remediation **(S-E or S-Remediation)**

In each of the above environmental classifications, the following requirements apply:

1. In order to be eligible for licensure in this specialty classification, the applicant shall furnish evidence satisfactory to the Board that the designated employee(s) shall have completed all training courses as required by the applicant state and federal agencies. In the event training courses are unavailable, the applicant's education, training, experience and equipment will be determined and considered in order to qualify the applicant for licensure.

2. A contractor holding a license in this specialty classification shall, as a condition for renewal of such license, keep abreast of all applicable state and federal requirements to ensure "state of the art" handling and removing of above materials by requiring its designated employee(s) to do so.

3. A contractor shall, whenever work in this specialty classification is in progress, have physically on the job site the designated employee(s) directly responsible for the work.

4. A contractor shall notify the Board of any citation lodged against it, or any of its employees, relative to work in a specialty classification within ten (10) days of receipt of the citation.

#### **S-Specialty/Medical Gas Piping (S-Medical Gas Piping)**

Installation, maintenance and repair work falling within the regulation of medical gas piping pursuant to Tennessee Code Annotated, Section 68-11-253.

A. Medical Gas Piping Installer Certification Requirements.

1. The minimum qualifications for board certification are the qualifications for certification established by the American Medical Gas Institute (AMGI) or the Piping Industry Progress and Education Trust Fund (PIPE). A minimum of thirty-two (32) hours of training, with eight (8) of brazing.

#### **S - Specialty (Specified)**

The Board reserves the right to depart from the classification system in appropriate individual cases and the following are examples.

**S-Telecommunication / Cell Towers**

**S-Equipment Installation**

**S-Mold Remediation**

**S-Telecommunications**

(NOTE: The above is an abbreviated list of specialties and does not include all specialty classifications assigned to contractors by the Board.)

Compilation from *Rule 0680.1--.16* and may be reviewed at the Tennessee Secretary of State's web address at: [www.state.tn.us/sos/rules](http://www.state.tn.us/sos/rules) or contact our office for a copy.